

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L34	75	(helix helical) and 250/231\$.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2005/03/19 18:14
L35	17	(US-20030052262-\$ or US-20040010928-\$ or US-20040025357-\$ or US-20050040323-\$ or US-20040256545-\$).did. or (US-6828783-\$ or US-6552330-\$ or US-6528783-\$ or US-6501069-\$ or US-6483104-\$ or US-5481100-\$ or US-5066857-\$ or US-5537210-\$ or US-3935447-\$).did. or (JP-07218237-\$ or JP-07218221-\$ or JP-02285214-\$).did.	US-PGPUB; USPAT; JPO	OR	ON	2005/03/19 18:25
L36	5	35 and imag\$5	US-PGPUB; USPAT; USOCR	OR	ON	2005/03/19 18:35
L37	2	35 and radius and resolution and pitch	US-PGPUB; USPAT; USOCR	OR	ON	2005/03/19 18:43
L38	1	35 and effective with pitch	US-PGPUB; USPAT; USOCR	OR	ON	2005/03/19 18:43
L39	300	cylinder and 250/231\$.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2005/03/19 18:46
L40	89	39 and internal	US-PGPUB; USPAT; USOCR	OR	ON	2005/03/19 18:47
L41	20	39 and (detector sensor) with internal	US-PGPUB; USPAT; USOCR	OR	ON	2005/03/19 18:47

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2311	((250/231.13,231.14) or (33/1pt) or (341/11,13)).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/19 14:41
L2	161	L1 and (spiral\$5 cylinder cylindr\$4) near5 (grating encod\$4 cod\$4 track\$4 line)	US-PGPUB; USPAT; USOCR	OR	ON	2005/03/19 15:06
L3	0	("2005/0040323").URPN.	USPAT	OR	ON	2005/03/19 14:41
L4	0	("2004/0025357").URPN.	USPAT	OR	ON	2005/03/19 14:41
L5	0	("2002/0088934").URPN.	USPAT	OR	ON	2005/03/19 14:43
L6	4	("5129725" "6248993").PN. OR ("6483104").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/03/19 14:54
L7	130141	(spiral\$5 cylinder cylindr\$4) near5 (grating encod\$4 cod\$4 track\$4 line)	US-PGPUB; USPAT; USOCR	OR	ON	2005/03/19 15:07
L8	1950	7 and "250"/\$.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2005/03/19 15:07
L9	166	8 and 250/231\$.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2005/03/19 15:23
L10	60	9 not 2	US-PGPUB; USPAT; USOCR	OR	ON	2005/03/19 15:12
L11	76	((cylinder cylindr\$5) with (encod\$4 cod\$4)) same spiral	US-PGPUB; USPAT; USOCR	OR	ON	2005/03/19 15:23
L12	25	("3774014" "3866056" "4282431" "4308455" "4463251" "4622457" "4652732" "4818850" "4822987" "4847474" "5098642" "5243128").PN. OR ("5481100").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/03/19 15:19
L13	21516	(cylinder cylindr\$5) with spiral	US-PGPUB; USPAT; USOCR	OR	ON	2005/03/19 15:23
L14	8	13 and 250/231\$.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2005/03/19 16:18
L15	28	(spiral with (grating encod\$4 cod\$4 track\$4)) and 250/231\$.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2005/03/19 15:25
L16	3	("5302820" "5665965" "5886352").PN. OR ("6552330").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/03/19 16:02

L17	10261	spiral\$4 near5 (grating encod\$4 cod\$4 track\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2005/03/19 16:18
L18	21	17 and 250/231\$.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2005/03/19 16:04
L19	8142	(spiral\$5 cylind\$6) near5 (grating encod\$4 cod\$4 track\$4)	EPO; JPO; DERWENT	OR	ON	2005/03/19 16:07
L20	1677	19 and (detect\$4 sens\$4 measur\$4)	EPO; JPO; DERWENT	OR	ON	2005/03/19 16:08
L21	14591	cylind\$6 with spiral	EPO; JPO; DERWENT	OR	ON	2005/03/19 16:08
L22	36	cylind\$6 with spiral with (encod\$4 cod\$4 grating)	EPO; JPO; DERWENT	OR	ON	2005/03/19 16:14
L23	42	cylind\$6 with wind\$4 with (encod\$4 cod\$4)	EPO; JPO; DERWENT	OR	ON	2005/03/19 16:14
L24	41	23 not 22	EPO; JPO; DERWENT	OR	ON	2005/03/19 16:14
L25	21646	wind\$4 near5 (grating encod\$4 cod\$4 track\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2005/03/19 16:18
L26	102	25 and 250/231\$.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2005/03/19 16:19
L28	81	26 not (9 11)	US-PGPUB; USPAT; USOCR	OR	ON	2005/03/19 16:22
L29	1	("5537210").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/19 16:30
L30	14	("3688570" "3935447" "4528448" "4541716" "4987299" "5118932" "5121371" "5159192" "5204524" "5283434").PN. OR ("5537210").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/03/19 16:30
L31	16	("2247805" "3011020" "3553469" "3757128").PN. OR ("3935447").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/03/19 16:33
S1	2311	((250/231.13,231.14) or (33/1pt) or (341/11,13)).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/18 19:14
S2	161	S1 and (spiral\$5 cylinder cylindr\$4) near5 (grating encod\$4 cod\$4 track\$4 line)	US-PGPUB; USPAT; USOCR	OR	ON	2005/03/18 19:17
S3	0	("2005/0040323").URPN.	USPAT	OR	ON	2005/03/18 19:17
S4	0	("2004/0025357").URPN.	USPAT	OR	ON	2005/03/18 19:18